

PERFORMANCE LITE PS-K8

8-Blade HVLS Ceiling Fan

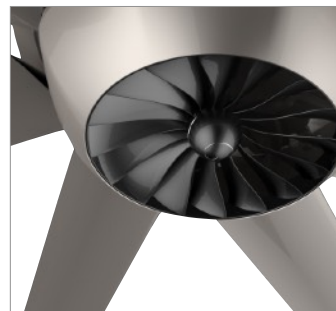


KEY FEATURES

- Proprietary aluminum airfoils and curved wingtips designed for maximum airflow with minimal power consumption
- High-efficiency, high-torque, maintenance-free permanent magnet synchronous motor (PMSM)
- Near-silent operation at <41 dBA*
- Rugged yet sleek and refined construction for reliability and style
- In-house engineering and vertically integrated manufactured components
- Promotes IEQ (indoor environmental quality) per ASHRAE 55



* Under laboratory conditions



Diameter: 8' - 14' (custom available)

■ Proprietary Airfoils

Inspired by Swifter's innovations in industrial and equipment fan technology, the Performance Lite's eight aircraft-grade, anodized aluminum blades deliver industry-leading CFM/Watt efficiency.

■ Premium Direct Drive Motor

The IP55-rated permanent magnet synchronous motor (PMSM) reduces maintenance needs and ensures lasting reliability, eliminating issues typically associated with gearbox motors.

■ Variable-Speed Controller

Featuring a ground-level variable frequency drive for ease of access and optional reverse rotation capability suitable for winter destratification.

■ Limited Warranty

15-year mechanical; 5-year motor; 3-year electrical. [Warranty Policy](#).

■ Building Communication

Command and monitor with optional building integration through BACnet, LonMark, or MODBUS protocols. Additional demand control based on differences in temperature and humidity readings.

■ Flexible Mounting Options

Includes standard mounting hardware for multiple configurations such as I-beams, solid beams, angle iron, pitched roofs, and square tubes, with optional kits for purlins and other structures.

■ Redundant Safety Features

Featuring airfoil blade retainers, steel guy cables, impact auto-stop, and optional fire relay integration with an emergency shut-off switch.

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TECHNICAL SPECIFICATIONS

Dimensions & Performance		PS-K8-14	PS-K8-12	PS-K8-10	PS-K8-8
	Diameter (D) [custom available]	14 ft	12 ft	10 ft	8 ft
	Max. RPM	80	90	100	120
	Weight*	90 lbs (41 kg)	84 lbs (38 kg)	77 lbs (35 kg)	68 lbs (31 kg)
	Downrod Length	39.5 in. standard (custom lengths available)			
	Forward/Reverse Capabilities	Yes (optional)			
	Input Power	200-240 VAC \pm 10%, 50/60Hz, 1 Φ standard (110-120 VAC / 400-480 VAC optional)			
	Sound Level at Max. Speed**	39 dBA	39 dBA	40 dBA	41 dBA
	Safety Features	Airfoil blade retainers, steel guy cables, and auto-stop upon impact standard. Fire relay integration and emergency shut off switch optional.			
Motor (PMSM)	Motor Rating	1.0 HP			
	Full Load Current at 220 V	2.0 A			
	Full Load Power at 220 V	400 W (0.54 HP)	300 W (0.40 HP)	200 W (0.27 HP)	150 W (0.20 HP)
	Max. Operating Temperature	140°F (60°C)			
	IP Rating	IP55			
	Insulation Class	IEC/NEMA Class F			
	Bearing L10 Life	100,000 hours per ABMA standards			

* Total hanging weight with standard downrod

** Under laboratory conditions

